

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: PORTFOLIO

Report Number: P843844

Luminaire Tested: **LD6C08DE010B2750 EU6C08B27 6LBCSMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843844
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P204757)
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C08DE010B2750 EU6C08B27 6LBSCMW
Description:
Light Source: -
Ballast/Driver:

Summary

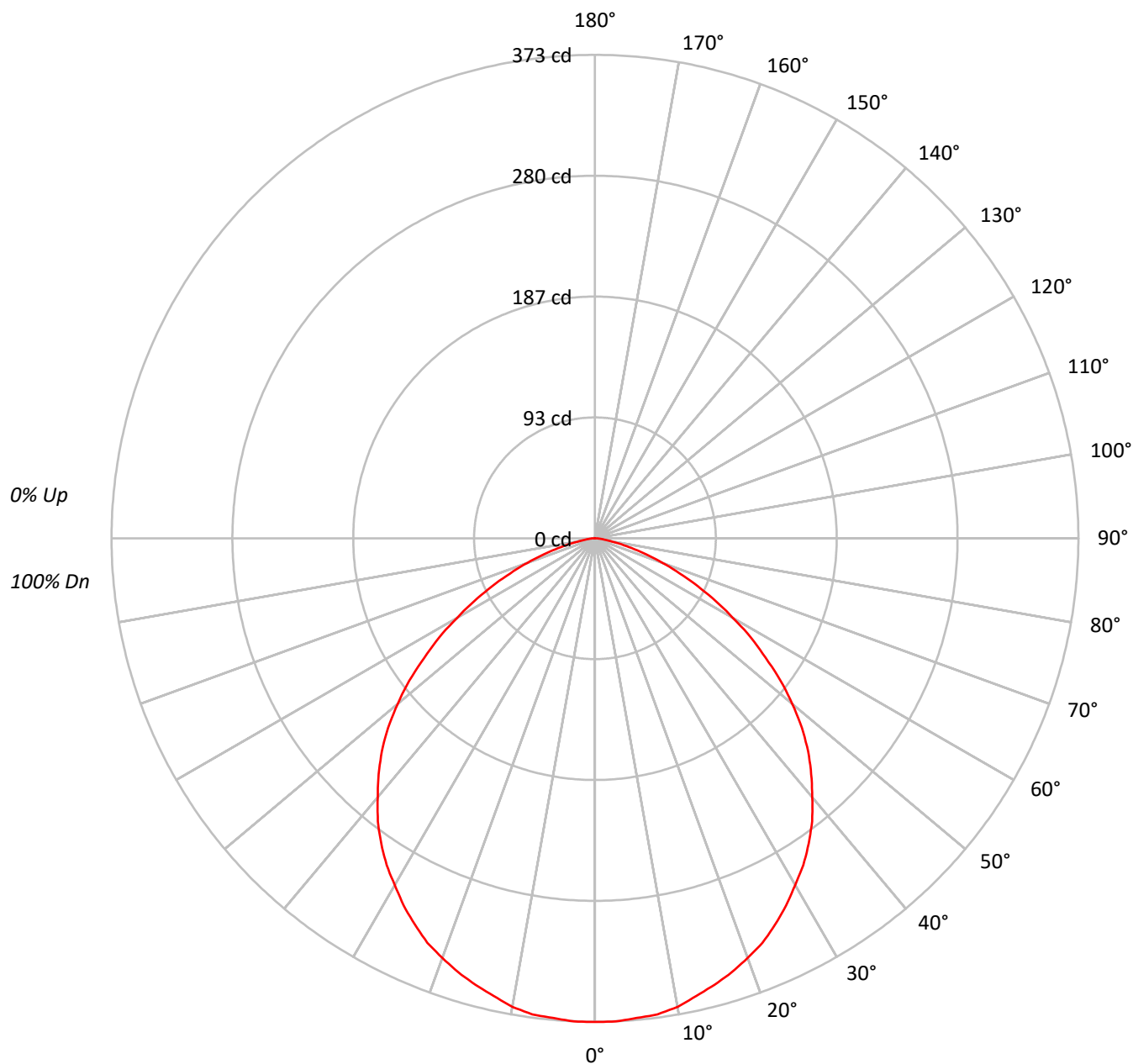
Lumens per Lamp: N/A
Luminaire Lumens: 913.8 lumens
Efficiency: N/A
Efficacy: 95.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 9.6
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	110	106	102	99	108	104	100	97	100	97	94		96	93	91		92
2	101	94	87	82	99	92	86	81	88	84	79		85	81	78		82
3	93	83	75	70	90	81	74	69	79	73	68		76	71	67		73
4	85	74	66	60	83	73	65	59	70	64	58		68	62	58		66
5	79	66	58	52	77	65	57	51	63	56	51		61	55	50		60
6	73	60	52	45	71	59	51	45	57	50	45		56	49	44		54
7	68	55	46	40	66	54	46	40	52	45	40		51	44	40		50
8	63	50	42	36	61	49	41	36	48	41	36		47	40	36		46
9	59	46	38	33	57	45	38	32	44	37	32		43	37	32		42
10	55	42	35	30	54	42	34	30	41	34	29		40	34	29		39

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	20459
5°	20443
10°	20435
15°	20238
20°	20098
25°	19894
30°	19554
35°	19240
40°	18664
45°	18033
50°	16955
55°	15359
60°	13475
65°	11350
70°	8880
75°	6227
80°	3473
85°	2390



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.4	3.9
10°-20°	100.7	11.0
20°-30°	151.4	16.6
30°-40°	179.5	19.6
40°-50°	178.6	19.5
50°-60°	144.0	15.8
60°-70°	87.1	9.5
70°-80°	32.4	3.5
80°-90°	4.8	0.5
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	287.5	31.5
0°-40°	467.0	51.1
0°-60°	789.6	86.4
0°-90°	913.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	913.8	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	373	
5°	372	35
15°	357	101
25°	329	151
35°	288	179
45°	233	179
55°	161	144
65°	88	87
75°	29	32
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	373.2
2.5°	373.2
5°	371.5
7.5°	370.5
10°	367.1
12.5°	361.6
15°	356.6
17.5°	351.1
20°	344.5
22.5°	337.8
25°	328.9
27.5°	319.5
30°	308.9
32.5°	299.1
35°	287.5
37.5°	275.2
40°	260.8
42.5°	247.0
45°	232.6
47.5°	216.5
50°	198.8
52.5°	180.5
55°	160.7
57.5°	142.9
60°	122.9
62.5°	105.2
65°	87.5
67.5°	70.9
70°	55.4
72.5°	41.6
75°	29.4
77.5°	18.8
80°	11.0
82.5°	6.7
85°	3.8
87.5°	1.6
90°	0.0



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— 0°-180°







(END OF REPORT)